



Dart Hawkesbury
1270 Aberdeen St Hawkesbury, ON K6A 1K7 Canada
Tel (613) 632-5200
Fax 613 632-5246

Purchasing Receipts

PO No	Supplier	Line Item No	Rel No	Terms	Purchased Item	Description	For Part No	Project	Equipment ID	Order Qty	Due Date	Received Quantity	Accounting Job No	Container No	Status	Receive Date	Price/Unit	Aging Days	Past Due	Total	Supplier Name			
PO041200	MCM001-VU	1		1 2% 10 Net 30	20NR-71	Stop Pin				25	10/4/2018	25		S115702	Stock	10/3/2018	\$ 0.52 / Ea	0		\$13.00	McMaster-Carr Supply Co.,			
		2																	\$27.72	McMaster-Carr Supply Co.,				
		3																		\$36.35	McMaster-Carr Supply Co.,			
		4																			\$9.09	McMaster-Carr Supply Co.,		
		5																				\$130.60	McMaster-Carr Supply Co.,	
		6																					\$3.87	McMaster-Carr Supply Co.,
		7																					\$3.89	McMaster-Carr Supply Co.,

PO No	Supplier	Line Item No	Rel No	Terms	Purchased Item	Description	For Part No	Project	Equipment ID	Order Qty	Due Date	Received Quantity	Accounting Job No	Container No	Status	Receive Date	Price/Unit	Aging Days	Past Due	Total	Supplier Name	
		8			20NR-19	Actuator Pin - Short				20		20		S115743	Stock	10/3/2018	\$ 1.91 / Ea	0		\$38.24	McMaster-Carr Supply Co,	
		9			92383A201	Roll Pin Ø3/32 X 5/16				100		100		S115746	Stock	10/3/2018	\$ 0.07 / Ea	0		\$7.31	McMaster-Carr Supply Co,	
		10			MDELIRINR4.500W	M-Delrin Round Bar, White				3		3		S115791	Stock	10/3/2018	\$ 123.38 / ft	0		\$370.14	McMaster-Carr Supply Co,	
Total:											464										\$640.21	

Plex 10/3/2018 4:02 PM dart.Tollis.Andrew



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER **PO041200**

Supplier: MCM001-VU
McMaster-Carr Supply Co,
P.O. Box 7690
Chicago, IL 60680-7690 USA
Phone: 330 995 5500
Fax: 330 995 9600

PO No: PO041200

PO Date: 10/1/18

Due Date: 10/4/18

Purchase Order
Revision:

Revision Date:

Ship-To Contact: Lavoie, Chantal
clavoie@dartaero.com

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

Via: Ground

Pymt Terms: 2% 10 Net 30

Freight Terms:

Special Comments:

E-MAILED
OCT 01 2018

Items

Line Item	Job	Part	Supplier Part No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (USD)	Extended Price
1		20NR-71	98380A475 25/pk	Stop Pin	Firmed	-	10/4/18	25 Ea	0 Ea	25 Ea	\$0.52/Ea	\$13.00
2		8NR-74	91257A755 1/pk	Bolt 5*1/2	Firmed	-	10/4/18	12 Ea	0 Ea	12 Ea	\$2.31/Ea	\$27.72
3		8631K211		Rubber Square Bar 90A Extra Hard	Firmed	-	10/4/18	2 ft	0 ft	2 ft	\$18.175/ft	\$36.35
4		20NR-57	97633A170 100/pk	Lock Roller Pin Circlip	Firmed	-	10/4/18	100 Ea	0 Ea	100 Ea	\$0.0909/Ea	\$9.09
5		MBRONZR1.000	8932K45 6.5" long	Bronze Round Bar 1.000" : MATERIAL: OIL IMPREGNATED SINTERED BRONZE ROUND BAR AS PER SAE 841 TYPE 1, CLASS A OR AMS 4805 OR ASTM B438 GRADE 1, TYPE 2 OR MIL-B-5687D TYPE 1, GRADE 1 receive ft	Firmed	-	10/4/18	2.167 ft	0 ft	2 ft	\$60.18519/ft	\$130.42
Line Item Note 4 pcs of 6.5"												
6		90081A078	100/pk	Zinc-Plated Steel Screw Nails for Metal, Plastic and Plywood, Size 2, 5/16" Long	Firmed	-	10/4/18	100 Ea	0 Ea	100 Ea	\$0.0387/Ea	\$3.87

Plex 10/1/18 3:00 PM dart.lavoie.chantal



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER **PO041200**

Items

Line Item	Job	Part	Supplier Part No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (USD)	Extended Price
7		9753K12	100/pk	Flexible Vinyl Push-on Round Caps for 3/16"-1/4" OD, 1/2" Inside Height	Firmed	-	10/4/18	100 Ea	0 Ea	100 Ea	\$0.0389/Ea	\$3.89
8		20NR-19	97855A630 5/pk	Actuator Pin - Short	Firmed	-	10/4/18	20 Ea	0 Ea	20 Ea	\$1.912/Ea	\$38.24
9		92383A201	100/pk	Roll Pin Ø3/32 X 5/16	Firmed	-	10/4/18	100 Ea	0 Ea	100 Ea	\$0.0731/Ea	\$7.31
10		MDELINR4.500W FT	8572K37 3 FT	M-Delrin Round Bar, White	Firmed	-	10/4/18	3 ft	0 ft	3 ft	\$123.38/ft	\$370.14
Grand Total:												\$640.03

Order Notes

Procurement Quality Clauses

A005 right of entry
A012 chemical and physical test report
A016 personnel qualification
A017 raw material identification (as applicable)
A026 certification of material conformance
A041 quality management system
A042 dart notification by supplier
A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program
A049 supplier awareness

Procurement Quality Clauses

A005 RIGHT OF ENTRY
A016 PERSONNEL QUALIFICATION
A026 CERTIFICATION OF MATERIAL CONFORMANCE
A032 DOCUMENT SPECIAL REQUIREMENTS
A033 STATEMENT OF CONFORMITY/TEST RECORDS FOR NAS, AN and MS FASTENERS
A040 NOTIFICATION OF QUALITY ESCAPE
A041 QUALITY MANAGEMENT SYSTEM
A042 DART NOTIFICATION BY SUPPLIER
A043 RETENTION OF QUALITY DOCUMENTS

A048 COUNTERFEIT PARTS AVOIDANCE, DETECTION, MITIGATION AND DISPOSITION PROGRAM

A049 SUPPLIER AWARENESS

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 10/1/18 3:00 PM dart.lavoie.chantal



200 Aurora Industrial Pkwy
Aurora OH 44202-8087
330-995-5500
cle.sales@mcmaster.com

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury ON K6A 1K7
Canada

Purchase Order
PO041200

Order Placed By
Chantal Lavoie

McMaster-Carr Number
1973392-01

Page 1 of 1

10/01/2018

Line	Product	Ordered	Shipped
3	8631K211 Abrasion-Resistant Polyurethane Rubber Square Bar, 24" Long, 3/4" Thick, 90A Durometer	1 Each	1

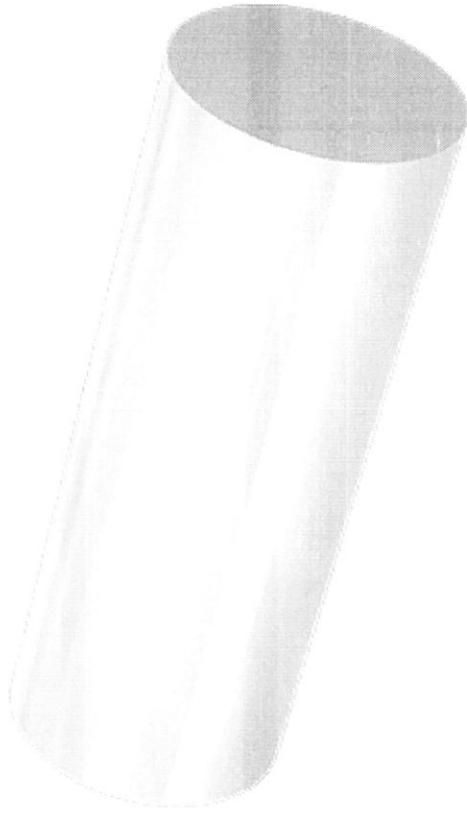
Shipped separately from our Cleveland warehouse on 10/01

1	98380A475 416 Stainless Steel Dowel Pins, 1/8" Diameter, 1" Long	1 Pack	1
2	91257A755 Zinc Yellow-Chromate Plated Hex Head Screw, Grade 8 Steel, 1/2"-20 Thread Size, 5" Long, Partially Threaded	12 Packs	12
4	97633A170 External Retaining Ring for 3/8" OD, Black-Phosphate 1060-1090 Spring Steel	1 Pack	1
5	8932K45 Oil-Filled 841 Bearing Bronze Rod, 1" Diameter, 6-1/2" Long	4 Each	4
6	90081A078 Zinc-Plated Steel Screw Nails for Metal, Plastic and Plywood, Size 2, 5/16" Long	1 Pack	1
7	9753K12 Flexible Vinyl Push-on Round Caps for 3/16"-1/4" OD, 1/2" Inside Height	1 Pack	1
8	97855A630 Mil. Spec. Slotted Spring Pin, 400 Series Stainless Steel, 1/4" Diameter, 1-1/2" Long	4 Packs	4
9	92383A201 400 Series Stainless Steel Slotted Spring Pin, 3/32" Diameter, 5/16" Long	1 Pack	1
10	8572K37 White Delrin® Acetal Resin Rod, 4-1/2" Diameter, 3' Length	3 Feet	3



White Delrin® Acetal Resin Rod
4-1/2" Diameter

In stock
\$370.14 Each
8572K37



Material	Delrin® Acetal Plastic
Cross Section Shape	Round
Construction	Solid
Texture	Smooth
Color	White
Clarity	Opaque
Diameter	4 1/2"
Diameter Tolerance	0" to +0.250"
Tolerance Rating	Oversized
Length	3 ft.
Hardness	Rockwell M90
Hardness Rating	Hard
For Use Outdoors	No
Temperature Range	-20° to 180° F
Impact Strength	1.00 ft.-lbs./in.
Impact Strength Rating	Good
Tensile Strength	9,000 psi
Tensile Strength Rating	Good
Specifications Met	ASTM D6100, NSF/ANSI Standard 51 for Food Contact, NSF/ANSI Standard 61 for Drinking Water
Density	0.051 lbs./cu. in.
Coefficient of Friction	0.20
Dielectric Strength	435 V/mil
Water Absorption	0.30%
Coefficient of Thermal Expansion	8.5 × 10 ⁻⁵ in./in./°F
RoHS	Compliant

SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL : DELRIN II 150E OR ACETRON GP ACETAL

PART NUMBER : M-DELRIN-R1.DDD X COLOR CODE
DIA

WHERE D.DDD = DIAMETER IN INCHES
X = COLOR CODE, "W" = WHITE, OMITTED = BLACK
EG. 1" BLACK ROUND BAR = M-DELRIN-R1.000
2" WHITE ROUND BAR = M-DELRIN-R2.000W

RELEASED
2010 MAR 27 4P
EJ 18-657

B	UPDATE DRAWING TO CURRENT STANDARDS, ADD HAWKESBURY, ONTARIO, CANADA ACETRON GP ACETAL AS OPTION (REV. A1).	SAD	17.10.19
A	NEW ISSUE	DS	01.11.12
REV.	DESCRIPTION	BY	DATE
DESIGN	SAD		
DRAWN	SAD		
CHECKED	RF		
MFG. APPR.	RA		
APPROVED	HS		
DE APPR.	CP 47		
DATE	17.10.19		
DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA DRAWING NO. M-DELRIN-R SHEET 1 OF 1 SCALE DELTRIN ROUND BAR NTS			
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MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M DELRIN R4.500w

PO / BATCH NO.: P0041200/S115791

DATE: 18/10/03

MATERIAL CERT REC'D: Yes

THICKNESS ORDERED: 4.500"

QUANTITY RECEIVED: 3ft

THICKNESS RECEIVED: 4.500"

QUANTITY INSPECTED: 3ft

SHEET SIZE ORDERED: -

QUANTITY REJECTED: 0

SHEET SIZE RECEIVED: -

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	Y	<input checked="" type="radio"/> N	
CORRECT FINISH	<input checked="" type="radio"/> Y	N	
CORROSION	Y	<input checked="" type="radio"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="radio"/> Y	N	
CORRECT MATERIAL PER M-DRAWING	<input checked="" type="radio"/> Y	N	DELIN
CORRECT THICKNESS	<input checked="" type="radio"/> Y	N	
PHOTO REQUIRED	Y	<input checked="" type="radio"/> N	
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/> Y	N	P0041200
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/> Y	N	
CORRECT M# ON THE MATERIAL	<input checked="" type="radio"/> Y	N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	<input checked="" type="radio"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	<input checked="" type="radio"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
	HRC	HRB	DUR A	DUR D	WEBSTER
TYPE OF MATERIAL					
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>AA</u> DATE: <u>18/10/03</u>	SIGNED OFF BY: _____ DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in